

10 (PCT/US)

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**DERIVATIVES OF 1,3-CYCLIC PROPANDIOL PHOSPHATE AND  
THEIR ACTION IN DIFFERENTIATION THERAPY**

- 5 This application is a 371 of PCT/IL 03/00218 filed on  
03/3/2003.

**FIELD OF THE INVENTION**

This invention relates to 1,3-cyclic propandiol phosphate derivatives, pharmaceutical compositions comprising these derivatives and use thereof as cell stimulants.

*Entered*  
R.F.  
10/9/01

10 **PRIOR ART**

The following is a list of references which is intended for a better understanding of the background of the present invention.

- 15 Boyd, R.K., De Freitas, A.S.W., Hoyle, J., McCulloch, A.W., McInnes, A.G., Rogerson, A. and Walter, J.A., *J. Biol. Chem.*, **262**:12406-12408 (1987). Clarke, N. and Dawson, R.M.C., *Biochem. J.*, **216**:867-874 (1976). Dawson, R.M.C., *Ann. Rept. Progr. Chem.* **55**:365, (1958). Dawson, R.M.C., Freinkel, N., Jungalwala, F.B. and Clarke, N., *Biochem. J.*,  
20 **122**:605-607, (1971). Forrest, H.S. and Todd, A.R., *J. Chem. Soc.*, 1950, 3925, (1950). Friedman, P., Haimovitz, R., Markman, O., Roberts, M.F. and Shinitzky, M., *J. Biol. Chem.*, **271**:953-957 (1996). Kennedy and Weiss, *J. Biol. Chem.*, **222**:193 (1956).  
25 Kurokawa, H, Lenferink, AE, Simpson, JF, Pisacane, PI, Sliwkowski, MX, Forbes, JT, Arteaga, CL (2000) Cancer Res **60**: 5887 Leloir, L.F., *Biochem. Biophys. J.*, **33**:186 (1951). Markham, R. and Smith, J.D., *Biochem. J.*, **52**:552- (1952).